



SHEET 1 OF 1

Form PTO 1449 (Modified)	ATTY DOCKET NO. 210241US0	SERIAL NO. 09/886,256
APPLICANT Masaaki MAWATARI, et al.		
FILING DATE June 22, 2001	GROUP 1714	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
AO	7-228773	08/29/95	JAPAN (with English Abstract)		X
AP	7-228775	08/29/95	JAPAN (with English Abstract)		X
AQ	11-241019	09/07/99	JAPAN (with English Abstract)		X
AR	11-241020	09/07/99	JAPAN (with English Abstract)		X
AS					
AT					
AU					
AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AW	
AX	
AY	
AZ	
Examiner <i>Ellen Ward</i>	Date Considered <i>3/2003</i>

SEP 21 2001  
REC'D 7003  
3/2003

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 1449  
Revised  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## LIST OF REFERENCES CITED BY APPLICANT

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	AA						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
<i>gtr</i>	AO	0 388 942	09/26/90	EUROPE	✓
	AP				
	AQ				
	AR				
	AS				
	AT				
	AU				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

<i>gtr</i>	AV	Derwent Publications, AN 2000-298678/26, JP 2000-086887, March 28, 2000	<b>RECEIVED</b>
<i>gtr</i>	AW	Patent Abstracts of Japan, JP 61-188459, August 22, 1986	DEC 06 2002
<i>gtr</i>	AX	Derwent Publications, AN 94-115362/14, JP 06-065502, March 8, 1994	<i>TC 1700</i>
<i>gtr</i>	AY	Patent Abstracts of Japan, JP 3-273058, December 4, 1991	
<i>gtr</i>	AZ	Derwent Publications, AN 92-027488/04, JP 3-273058, December 4, 1991	<input type="checkbox"/> Additional References sheet(s) attached

Examiner *gtr*

Date Considered *3/2003*

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CIP LIST OF REFERENCES CITED BY APPLICANT JAN 23 2004 PATENT & TRADEMARK OFFICE		APPLICANT Masaaki MAWATARI, et al.				
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<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>JK</i>	AA 4,716,214	12/29/87	R. J. GAYMANS, et al.			
	AB					
	AC					
	AD					
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	AH					
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	AN					
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION YES NO	
<i>JK</i>	AO 0 976 774	02/02/2000	EUROPE			
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>						
<i>JK</i>	AW	Patent Abstracts of Japan, JP 09-012875, January 14, 1997				
	AX					
	AY					
	AZ	<input type="checkbox"/> Additional References sheet(s) attached				
Examiner		Date Considered <i>1/20/04</i>				
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